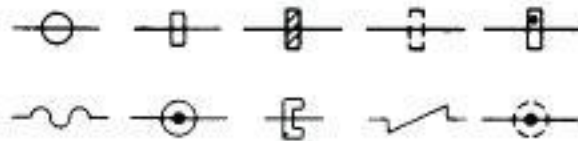


## Quick Reference to Symbols

### 3.6 Waveguide



### 3.7 Strip-Type Transmission Line



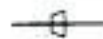
### 3.8 Termination



### 3.9 Circuit Return

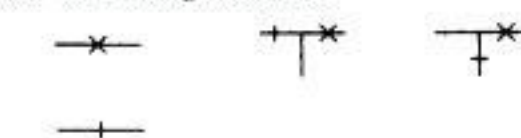


### 3.10 Pressure-Tight Bulkhead Cable Gland Cable Sealing End

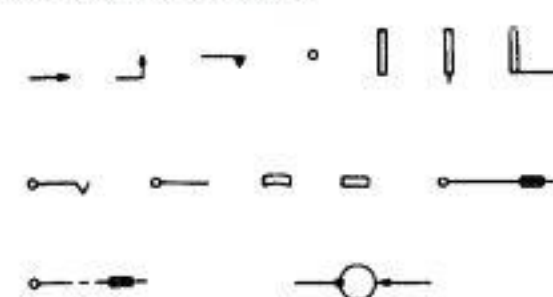


## 4. Contacts, Switches, Contactors, and Relays

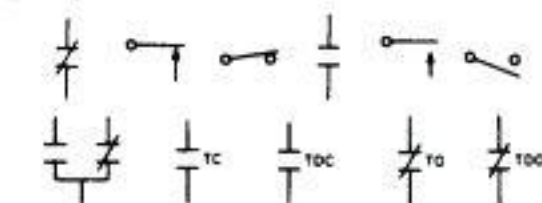
### 4.1 Switching Function



### 4.2 Electrical Contact



### 4.3 Basic Contact Assemblies



### 4.6 Switch



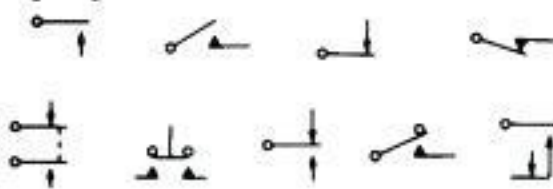
### 4.7 Pushbutton, Momentary or Spring-Return



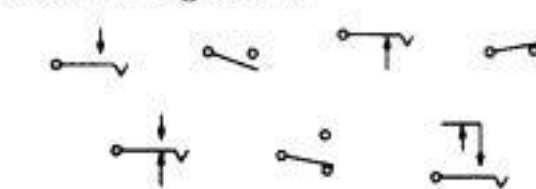
### 4.8 Two-Circuit, Maintained or Not Spring-Return



### 4.9 Nonlocking Switch, Momentary or Spring-Return



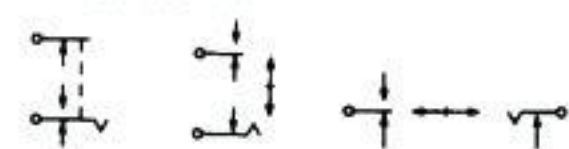
### 4.10 Locking Switch



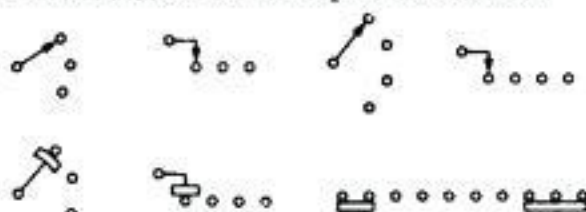
### 4.11 Combination Locking and Nonlocking Switch



### 4.12 Key-Type Switch Lever Switch



### 4.13 Selector or Multiposition Switch



### 4.16



### 4.17



### 4.18



### 4.19



### 4.20



### 4.21



### 4.22



### 4.23



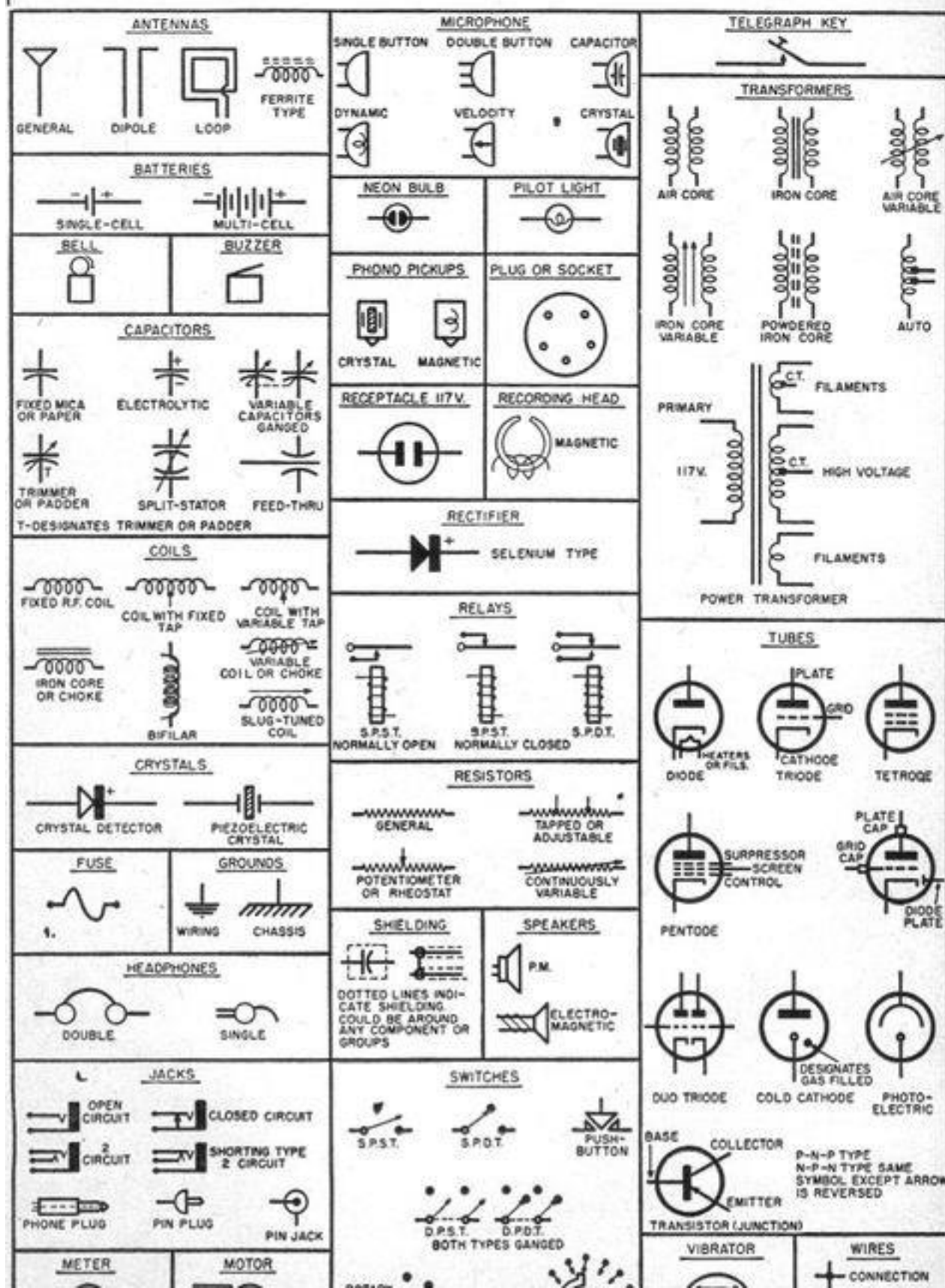
### 4.24



### 4.25



# STANDARDIZED WIRING DIAGRAM SYMBOLS



	Audio Amplifier		Duplex Ground Fault Interrupter		Special-purpose Outlet	
	Single Outlet and Switch		Split Wired Duplex Outlet		Duplex Special-purpose Outlet	
	Emergency Circuit Single Outlet		240v Outlet		Special-purpose connection or provision for connection	
	Duplex Convenience Outlet		Floor Mounted Outlet		Multi-outlet Assembly	
	Emergency Circuit Duplex Outlet		Floor Special-purpose Outlet		Data/voice, Power Floor Mounted Outlet	
	Weatherproof Convenience Outlet		Heavy Duty Outlet		Clock Hanger Outlet, Mounted	
	Range Outlet		Heavy Duty Outlet with Convenience Outlet		Blanked Outlet	
	Switch and Convenience Outlet		Triplex Outlet		Drop Outlet	
	Radio and Convenience Outlet		Split Wired Triplex Outlet		Electrical Outlet	
	Radio Outlet		Quadruplex Outlet		Fan Outlet	
	Dedicated Duplex Outlet		Emergency Circuit Quadruplex Outlet		Junction Box	

Electrical and Telecom

Electrical switchbox	Single pole switch	Three-way switch	1P switch	2P switch	4P switch	1DP switch	2DP switch
Water tap	Lum. ceiling mount	Encl ceiling lum	Wall light	Circuit breaker	Multi-light bar	Light bar	Downlight
Outdoor lighting	Singleplex receptacle	Duplex receptacle	Fourplex receptacle	Batten fluore	Distribution box	Modular fluore	Office fluore
Pull-cord switch	Emerg. light	Emerg. sign	Switches	Dimmer switch	Socket outlet	Socket outlet 2	Telephone outlet
Stereo outlet	Ceiling fan	Ceiling fan 2	Combination fan	Service panels	Thermostat	Air conditioning	Hold open unit
Detector	Fire alarm	Monitor	Alarm	Doorbell	Smoke detector	Call	Tel



## Electrical and Telecom

Electrical ...	Single pol...	Three-wa...	1P switch	2P switch	4P switch	1DP switch	2DP switch	Water tap	Lum. ceili...
Encl ceilin...	Wall light	Circuit br...	Multi-ligh...	Light bar	Downlight	Outdoor l...	Singleple...	Duplex re...	Double D...
Triplex Re...	Fourplex ...	Range Ou...	Dryer Out...	Waterpro...	Switch an...	Split Wire...	Split Wire...	Duplex S...	Dishwash...
Drop Cord	Fan Outlet	Junction ...	Lamp Hol...	Lamp Hol...	Pull Switch	Vapor Dis...	Exit Light ...	Clock Out...	Blanked ...
Television...	Exhaust Fan	Water He...	Telephon...	Electrical ...	Battery	Batten flu...	Distributi...	Modular f...	Office flu...
Pull-cord ...	Emerg. li...	Emerg. sign	Switches	Dimmer s...	Socket ou...	Socket ou...	Telephon...	Stereo ou...	Ceiling fan
Ceiling fa...	Combinat...	Service p...	Thermostat	Air condit...	Hold ope...	Detector	Fire alarm	Monitor	Alarm
Doorbell	Smoke d...	Call	Tel	Main cont...	Ground	Line	Wire	Cut line	Cut line 2

